



1. **PRODUCT NAME**  
Coldspring  
Granite Flagstone Paving

2. **MANUFACTURER**  
Coldspring  
17482 Granite West Road  
Cold Spring, MN 56320-4578  
Toll Free .....800-328-5040  
Phone.....320-685-3621

3. **PRODUCT DESCRIPTION**

Basic Use: Coldspring Granite Flagstone Paving is designed for use in exterior residential and interior/exterior commercial paving applications. Granite flagstone paving is ideally suited for extreme conditions, as they resist wear, deterioration and weathering, while maintaining their natural beauty and finish indefinitely.

Composition & Materials: Granite Flagstone Paving is a natural granite stone product. Granite is an igneous rock, formed from liquid magma, cooled slowly to form a substance approaching the hardness and durability of diamonds. Granite's three essential minerals are feldspar, quartz, and mica. These minerals occur in different proportions, giving each granite its own color, texture and structural characteristics.

Standard Thickness: 13/16", 1 3/16", 2", 3 1/8", 3 7/8"

Thickness Tolerance: ± 1/8".

Width Range: 1'-0" to 6'-0" Random

Length Range: 1'-0" to 8'-0" Random

Weight: Granite weighs approximately 170 pounds per cubic foot. Per square foot, weight translates as:

- 13/16" Thickness = 12 LBS/FT<sup>2</sup>
- 1 3/16" Thickness = 17 LBS/FT<sup>2</sup>
- 2" Thickness = 30 LBS/FT<sup>2</sup>
- 3 1/8" Thickness = 45 LBS/FT<sup>2</sup>
- 3 7/8" Thickness = 55 LBS/FT<sup>2</sup>

Top Surface Finish: Thermal/Flamed-Highly slip-resistant, rough-textured surface.

Bottom Surface Finish: Surface may be sawn, thermal or partial polish. (No more than 50% polish left)

Edge Finish: Random broken or sawn

Recommended Joint Width: 3/4". Granite Flagstone paving is sold by square foot of coverage based on the recommended standard joint width.

Color Ranges:  
Black & Dark Gray  
Dark & Red Brown  
Red & Pink  
Light Pink & Light Gray  
Blue & Green

Availability of specific granite colors is subject to availability of post-production stock. Granite Flagstone Paving is produced and sold as quarry run, meaning the full color range of a given quarry is acceptable to the purchaser. Because flagstone paving is a by-product of cut-to-size granite, larger orders require sufficient lead time. Please contact a Coldspring representative for details.

Technical Information: Standard specification selection criteria for granite flagstone paving.

ASTM C 97:	Density.....	165 LBS/FT <sup>3</sup> Min.
	Absorption.....	0.40 % Max.
ASTM C 170:	Compressive	
	Strength.....	19,000 PSI Min.
ASTM C 99:	Modulus of	
	Rupture.....	1,500 PSI Min.
ASTM C 241:	Abrasion	
	Resistance.....	H <sub>A</sub> 25 Min.
ASTM C 880:	Flexural	
	Strength.....	1,200 PSI Min.

File ASTM test results available.

**4. INSTALLATION**

Granite Flagstone Paving may be installed over a compacted sand setting bed with sand swept joint filler or in a wet mortar (type S) setting bed with solid grouted joints.

Vertical applications would be in accordance with the specifications of the installer/contractor.

**5. AVAILABILITY AND COST**

Contact Coldspring for inventory availability, cost and area dealer.

**6. WARRANTY**

Granite supplied by Coldspring is natural material, subject to variations in color, shade, markings, and texture. Samples provided may vary from material delivered.

All goods are carefully packed and inspected before delivery to the freight carrier. Material should be inspected by the buyer upon receipt. Coldspring will assist with any supporting paperwork for Buyer's claim.

Claims Procedure: Claims that may arise due to damage or loss in transit, must be made directly with the freight carrier within five (5) days after receipt of material. Coldspring's responsibility ceases upon delivery to the carrier.

Exclusions: No claims will be allowed for any labor, nor does Coldspring accept any claims after the material is worked, cut and/or installed.

Coldspring shall not be responsible for damages, directly or indirectly, for the loss of any profits or other legal relief, due to delay in delivery, or failure to deliver goods, if said delay is caused by flood, natural disaster, fire explosion, acts of God, strike, embargo, shortage of field, transportation, war, national emergency or anything beyond Coldspring's control.

**7. CANCELLATION**

If the Buyer chooses to cancel or reduce an order, Coldspring may accept or reject any such requests. Material accepted for return requires authorization from Coldspring and is subject to a 25% restock charge. Only material packed in original crating will be accepted for return.

**8. MAINTENANCE**

Granite is easy to care for. Clean with mild soap and water. For stain prevention and removal, contact a stone care company. Information about such companies is available through Coldspring.

**9. TECHNICAL SERVICES**

Local Coldspring dealers can address most specification, installation, and application questions. For further technical information, or the name of your area dealer, call Coldspring at 800-328-5040.

**10. COLOR RANGE**

Full quarry color range is provided without exception. They are produced as a standard stock item. Pavers will display broader range of color tone and natural quarry markings than custom cut work. The only criteria for rejection is the product quality, as relates to soundness.

Any range sample submitted for the custom fabricated portion of the project cannot be used as criteria for acceptance of the Granite Flagstone Paving portion of the project.